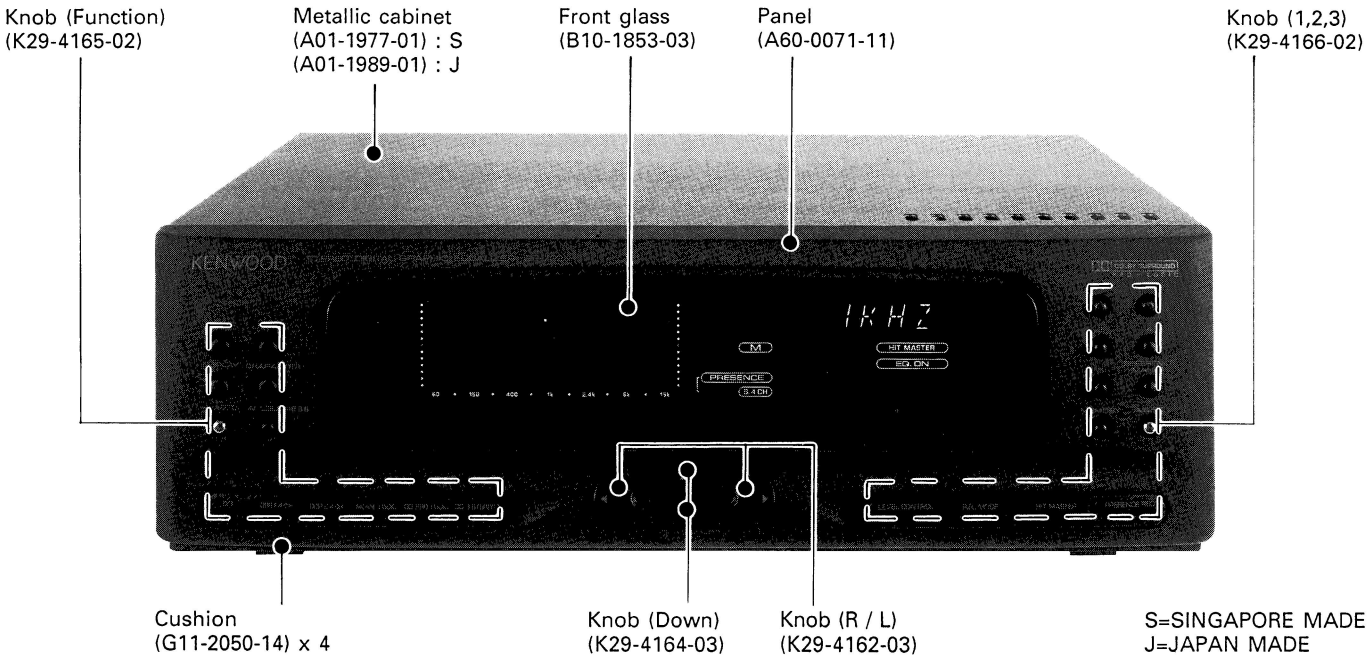
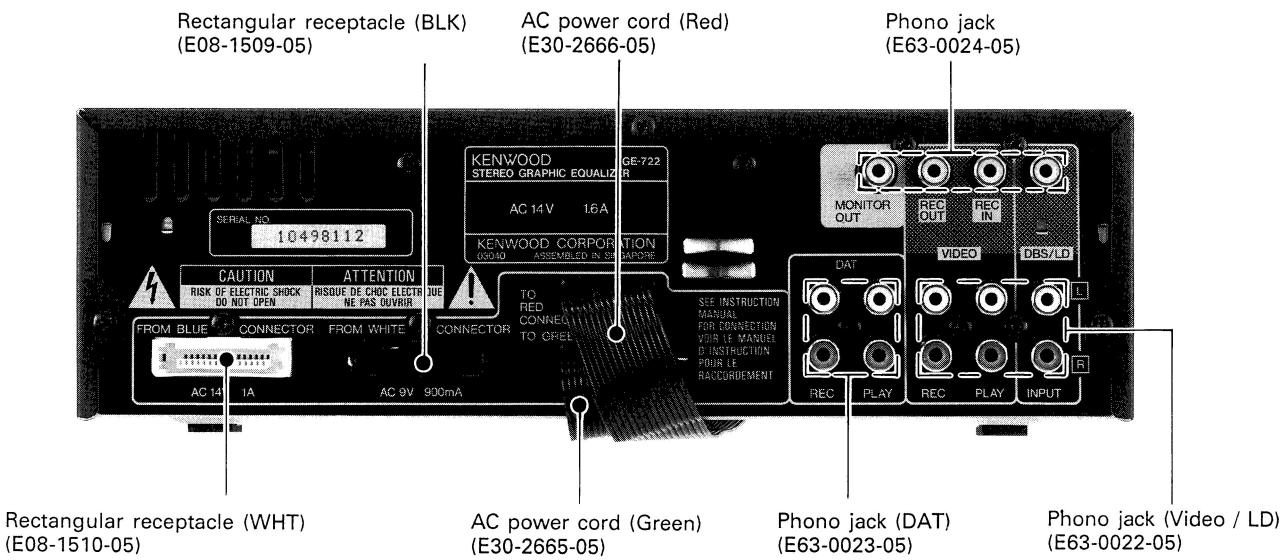
GRAPHIC EQUALIZER

GE-722

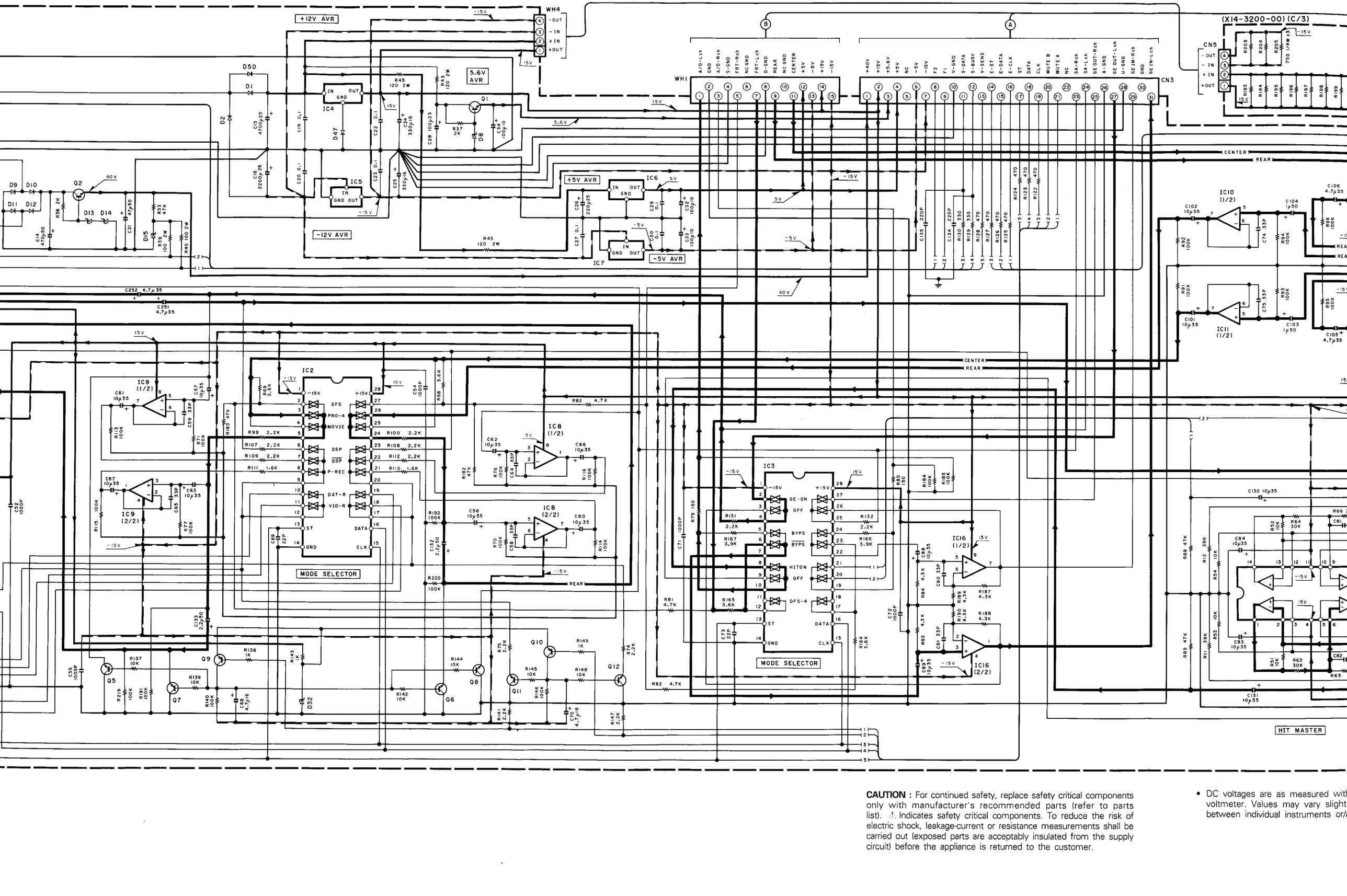
KENWOOD





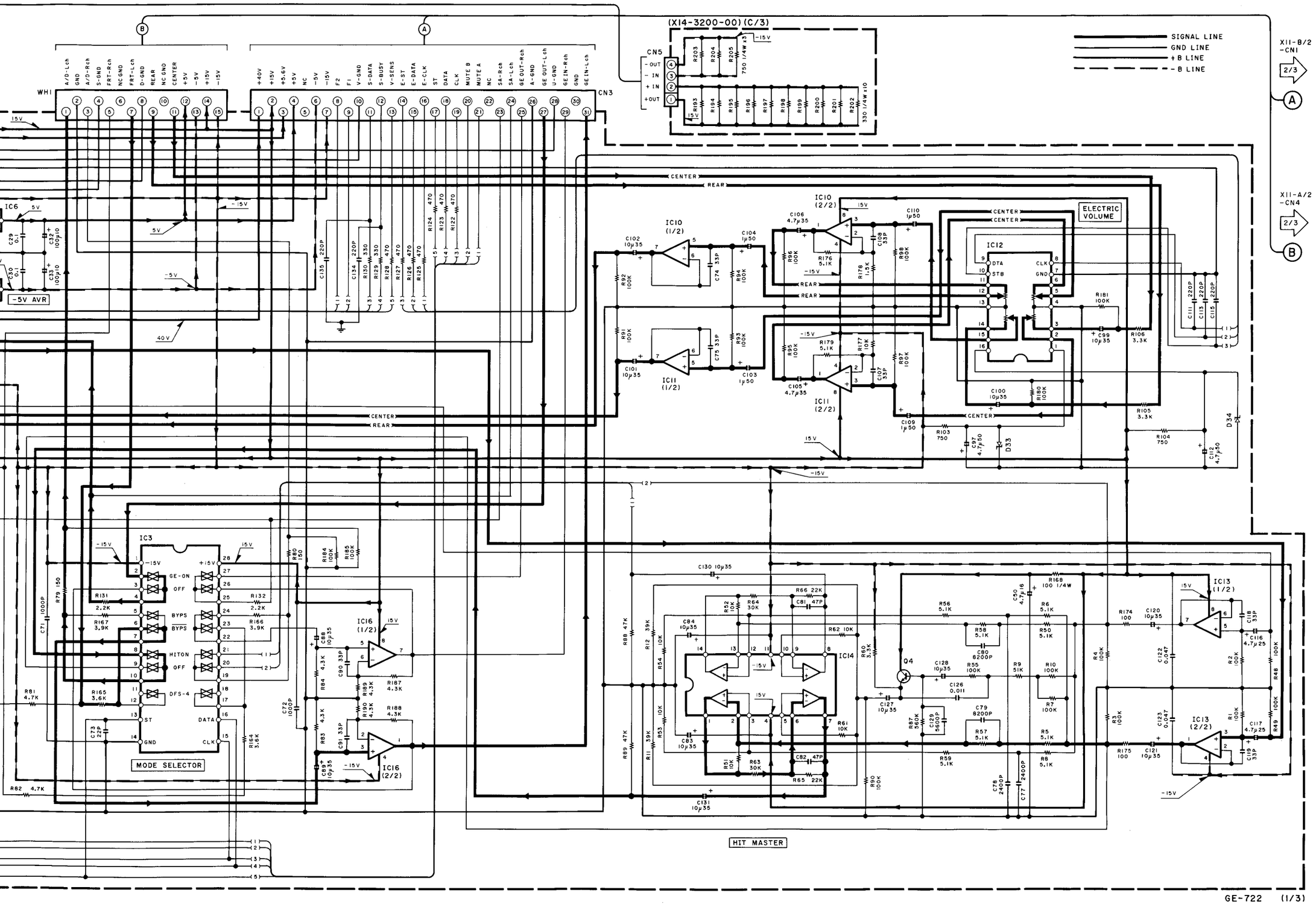
(X14-3200-00)(A/3)

IC1	: TC9164N
IC2	: TC9163N
IC3	: TC9162N
IC4	: μPC7812HF or TA7812S
IC5	: μPC7912HF or TA79001ZS
IC6	: μPC7805HF or TA7805S
IC7	: μPC7905HF or TA7900SS
IC8~11,13,15,16	: RC4565D-D or NJM4565D-D
IC12	: TC9213P
IC14	: μPC4574C
Q1,2	: 2SD1266
Q4	: 2SC2458(Y,GR) or 2SC1740S(Q,R)
Q5~8,11,12	: 2SC2878(B)
Q9,10	: 2SA1048(Y,GR) or 2SA933S(Q,R)
D1,2,9~12,50	: S5688B or ISR139-100
D8	: HZS6.2N(B2) or RD6.2ES(B2)
D13	: RD24ES(B) or HZS24N(B)
D14	: RD16ES(B2) or HZS16N(B2)
D15	: HZS8.2N(B2) or RD8.2ES(B2)
D16~31	: HSS104 or ISS133
D32	: HZS3.9N(B2) or RD3.9ES(B2)
D33,34	: HZS11N(B2) or RD11ES(B2)
D47~49	: HSS104 or ISS133



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with voltmeter. Values may vary slight between individual instruments or/



GE-722 (1/3)

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

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Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

Y09-3800-00

GE-722
KENWOOD

(XII-3070-00)(B/2)

CN1

GEIN-L
GND
GEIN-R
U-GND
GEOUT-L
G-GND
GEOUT-R
BPFL
BPFR
GND
MUTE A
MUTE B
CLK
DATA
ST
E-CLK
E-DATA
E-ST
V-SENS
S BUSY
S DATA
V-GND
F1
F2
-15V
-5V
GND
+5V
+5.6V
+15V
+40V

X14-A/3 -CN3 1/3 (A)

X14-A/3 -WH1 1/3 (B)

GE AMP IC5

GE VOLUME IC4

GE AMP IC6

IC1 CONTROL μ-COM

IC2 RESET

IC3 BPF

CN2 CN3 CN4

DOLBY NR

IC14 (2/2) IC13 (2/2) IC28 IC22

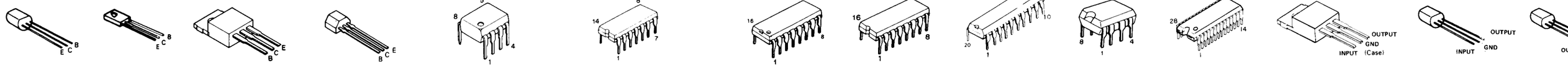
CP1 100K x 5
CP2 100K x 13
CP3 100K x 5
CP4 100K x 9
CP5 10K x 7
CP6 4.7K x 11
CP7
CP8

IC1	: M38063M6-151FP
IC2	: PST529D
IC3	: XR-1091DCP
IC4	: LC7522
IC5,6	: M5229P
IC7	: MC14577A
IC8	: LVA521S
IC9,10	: HM50464RP-12 or LM33464G-12
IC11	: LC83010 or LC83010N
IC12	: LC66516B-4677
IC13,14,23,24	: RC4565D-D or NJM4565D-D
IC15,16	: μPC4072C
IC17	: CS5339-KP
IC18	: TC74HCU04AP
IC19,20	: NJM78L05A
IC21	: NJM79L05A
IC22	: LA2730
IC25,26	: LC7883K
IC28	: TL431CLP or μPC1093J
IC29,30	: RC4565D-A or NJM4565D-A

Q101	: 2SC1740S(Q,R) or 2SC2458(Y,GR)
Q301,302	: 2SD882
Q303	: DTA124ES
Q304	: 2SC2878(A,B)
D13,14	: HZS6.2N(B2) or RD6.2ES(B2)
D15	: HZS5.1S(B2) or RD5.1JS(B2)
D100~111,301~310,313~317,402,403	: HSS104 or ISS133
D311,312	: HZS6.8N(B2) or RD6.8ES(B2)

SIGNAL LINE
GND LINE
+B LINE
-B LINE

2SC2878 2SD882 2SD1266 DTA124ES 2SA1048 2SC1740S RN2203 2SA933S 2SC2458 NJM4565D-A NJM4565D-D UPC1093J TC74HCU04AP TC74HC02AP UPC4574C UPD74HC02C LA2730 XR-1091DCP TC9213P M5229P RC4565D-A RC4565D-D LC7522 LC7883K UPC7805HF UPC7812HF PST529D NJM780L5

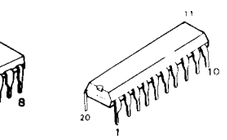


: LC7883K
: TL431CLP
or μPC1093J
: RC4565D-A
or NJM4565D-A

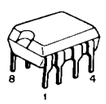
: 2SC1740S(Q,R) or 2SC2458(Y,GR)
: 2SD882
: DTA124ES
: 2SC2878(A,B)

: HZS6.2N(B2) or RD6.2ES(B2)
: HZS5.1S(B2) or RD5.1JS(B2)
~ 111, 301 ~ 310, 313 ~ 317, 402, 403
: HSS104 or ISS133
312 : HZS6.8N(B2) or RD6.8ES(B2)

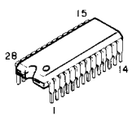
M5229P



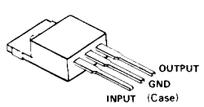
RC4565D-A
RC4565D-D



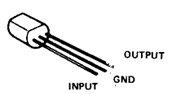
LC7522
LC7883K



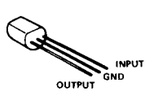
UPC7805HF
UPC7812HF



PST529D



NJM780L5A



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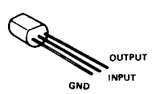
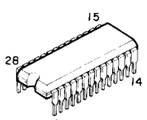
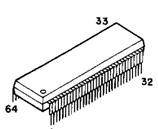


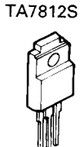
TC9162N
TC9163N
TC9164N



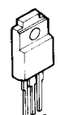
LC83010



TA7805S
TA7812S

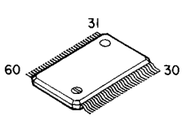


UPC7905HF
UPC7812HF



LVA521S

SN755703FT



- DC volt betw

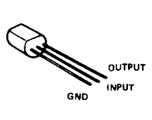
CAUTI compo (refer t nents. or resis parts a before

(X11-3070-00)(A/2)

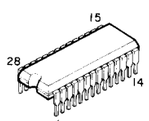
X14-8/3 -CN4 3/3 C

GE-722 (2/3)

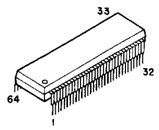
NJM79L05A



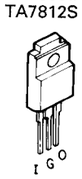
TC9162N
TC9163N
TC9164N



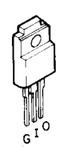
LC83010



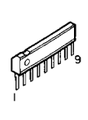
TA7805S
TA7812S



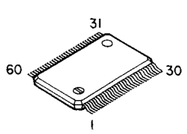
UPC7905HF
UPC7812HF



LVA521S



SN755703FT



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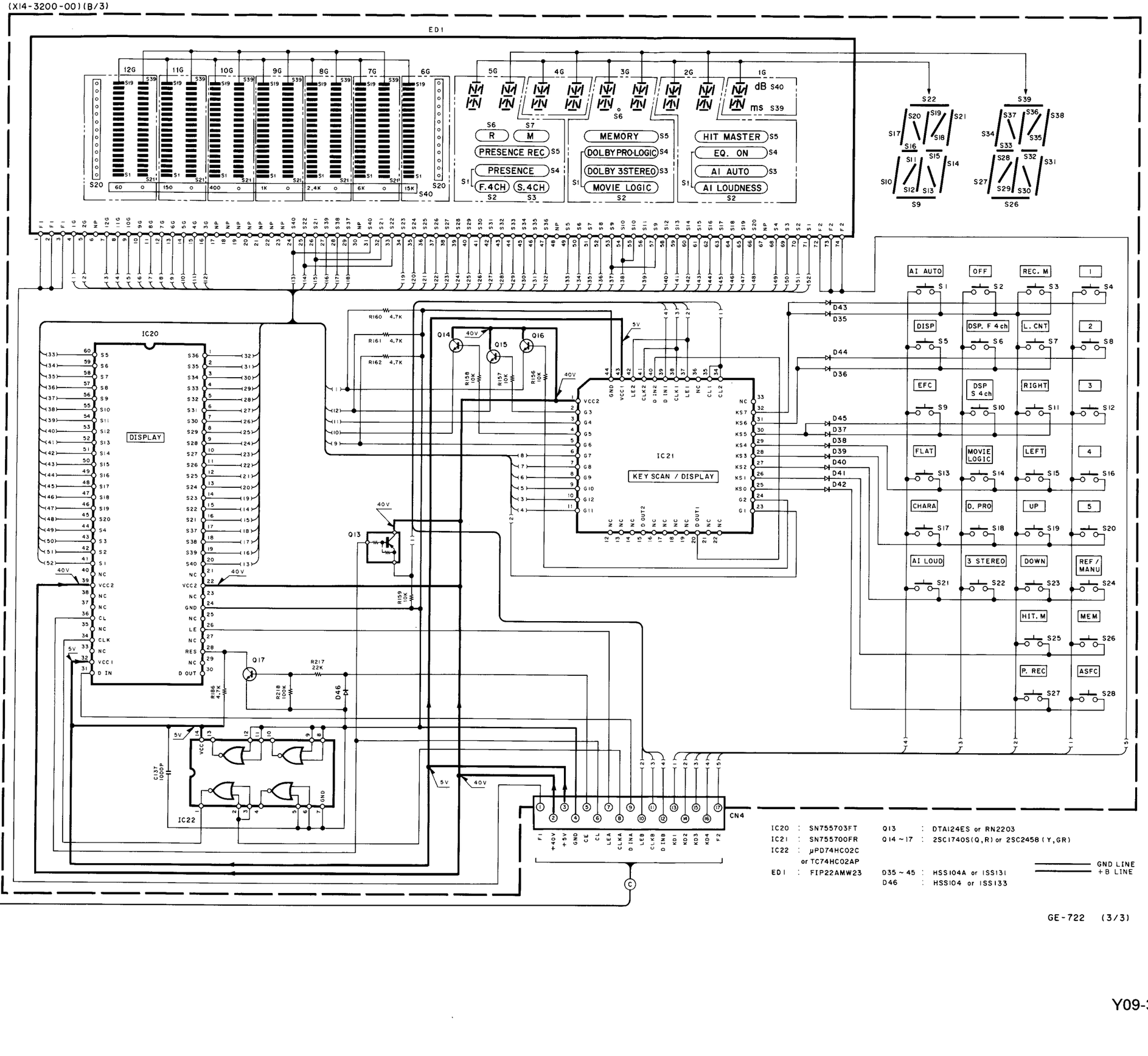
Y09-3800-00

GE-722
KENWOOD

(X14-3200-00)(B/3)



IC20 : SN755703FT
IC21 : SN755700FR
IC22 : μPD74HC02C or TC74HC02AP
ED1 : FIP22AMW23

Q13 : DTA124ES or RN2203
Q14 ~ 17 : 2SC1740S(Q,R) or 2SC2458(Y,GR)
D35 ~ 45 : HSS104A or ISS131
D46 : HSS104 or ISS133

GND LINE
+B LINE

GE-722 (3/3)

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